

Executive Seminar for Grid Operators 系統運用事業者幹部職員研修		Continuing	
		17 participants	
Target Countries : Countries which operates electric power system not lower than 66kV			
Course No. : J1704295		No. : 1784591	
Sector : Natural Resources and Energy/Energy Supply			
Sub-Sector :			
Language : English			
Outline			
Regardless of scheme, grid operator in each country is a key counterpart in JICA's energy sector project and also is a key organization in light of infrastructure system export promotion. Hence this training course focuses on the promotion for young executives to understand power system engineering and related equipment in Japan and also focuses on the reinforcement of relationship with such key players.			
Objective/Outcome		Target Organization / Group	
【Objective】 Young executives from each grid operators obtain knowledge about the Japanese practice of power grid operations and related Japanese manufactures, which results in smooth implementation of JICA's energy sector project and in promotion of infrastructure system export.		【Target Organization】 National Grid Operators	
【Outcome】 1. Being able to find issues and causes concerning the electric power system in their countries and explain them. 2. Deepen the knowledge about the grid system and operation practice in Japan. 3. Deepen the knowledge about the electric equipment used in Japanese Power Grid. 4. Develop an improvement plan to address the issues in their power grid		【Target Group】 1. Senior officer (ex. Department Head of each section) 2. Graduates of engineering faculty of university or equivalent, 40-55 years old, smooth communication in English 3. Be in good health physically and mentally to participate in the Program	
Contents			
1. General Information about Japanese Electric Business (1) Overview of system operation in Japan (including power system reform) (2) Total Quality Management in Japan 2. Lecture on practical system operation (1) System planning (ex. transition of power system expansion in Japanese electric company) (2) System reliability (ex. supply-demand control, voltage regulation, mitigation of cascading blackout, trans-regional operation) (3) Function of engineering department and system operation department (including demarcation between power company and manufactures) (4) Quality control of equipment (procurement, testing, inspection) (5) Challenges on interconnection of renewable energy 3. Observation of system operation facility (1) Substations (2) Load dispatching center (3) (Adjustable speed) pumped storage power plant 4. Observation of manufactures		Course Period	2017/10/04~2017/10/28
		Department in Charge	Industrial Development and Public Policy Department
		JICA Center	JICA Kansai (I)
		Cooperation Period	2015~2017
Implementing Partner	Under Planning		
Remarks and Website	Examining suitable upgrading for a flight, hotel etc.		